ABSTRACT OF THE DISCLOSURE

A heat transfer device has first and second elongated, articulated segments, each having a turbulence-inducing exterior surface. A flexible joint connects the first and second elongated, articulated segments. An inner coaxial lumen is disposed within the first and second elongated, articulated segments. The inner coaxial lumen is capable of transporting a pressurized working fluid to a distal end of the first elongated, articulated segment.